

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,643,754 B2
APPLICATION NO. : 10/762551
DATED : January 5, 2010
INVENTOR(S) : Fumio Futami et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, Line 28, claim 5, change " $2*f_0$)," to $-2*(f_0),-$.

Signed and Sealed this

Sixth Day of April, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office